## 10/590789 IAP12 Rec'd PCT/PT025 AUG 2006

## SEQUENCE LISTING

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<120>	Use of Carboxypeptidase G for Combating Antifolate Toxicity													
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Phe Gl	n Ala 35	Ala	Thr	Asp	Glu	Gln 40	Pro	Ala	Val	Ile	Lys 45	Thr	Leu	Glu
Lys Le 50		Asn	Ile	Glu	Thr 55	Gly	Thr	Gly	Asp	Ala 60	Glu	Gly	Ile	Ala
Ala Al 65	a Gly	Asn	Phe	Leu 70	Glu	Ala	Glu	Leu	Lys 75	Asn	Leu	Gly	Phe	Thr 80
Val Th	r Arg	Ser	Lys 85	Ser	Ala	Gly	Leu	Val 90	Val	Gly	Asp	Asn	Ile 95	Val
Gly Ly	s Ile	Lys 100	Gly	Arg	Gly	Gly	Lys 105	Asn	Leu	Leu	Leu	Met 110	Ser	His
Met As	p Thr 115	Val	Tyr	Leu	Lys	Gly 120	Ile	Leu	Ala	Lys	Ala 125	Pro	Phe	Arg
Val Gl	_	Asp	Lys	Ala	Tyr	Gly	Pro	Gly	Ile	Ala	Asp	Asp	Lys	Gly

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Gly Asn Ala Val Ile Leu His Thr Leu Lys Leu Lys Glu Tyr Gly Val Arg Asp Tyr Gly Thr Ile Thr Val Leu Phe Asn Thr Asp Glu Glu 165 170 Lys Gly Ser Phe Gly Ser Arg Asp Leu Ile Gln Glu Glu Ala Lys Leu 185 Ala Asp Tyr Val Leu Ser Phe Glu Pro Thr Ser Ala Gly Asp Glu Lys 200 Leu Ser Leu Gly Thr Ser Gly Ile Ala Tyr Val Gln Val Asn Ile Thr Gly Lys Ala Ser His Ala Gly Ala Ala Pro Glu Leu Gly Val Asn Ala Leu Val Glu Ala Ser Asp Leu Val Leu Arg Thr Met Asn Ile Asp Asp 250 Lys Ala Lys Asn Leu Arg Phe Asn Trp Thr Ile Ala Lys Ala Gly Asn 260 265 Val Ser Asn Ile Ile Pro Ala Ser Ala Thr Leu Asn Ala Asp Val Arg 275 Tyr Ala Arg Asn Glu Asp Phe Asp Ala Ala Met Lys Thr Leu Glu Glu 290 295 Arg Ala Gln Gln Lys Lys Leu Pro Glu Ala Asp Val Lys Val Ile Val Thr Arg Gly Arg Pro Ala Phe Asn Ala Gly Glu Gly Gly Lys Lys Leu 325 330 Val Asp Lys Ala Val Ala Tyr Tyr Lys Glu Ala Gly Gly Thr Leu Gly Val Glu Glu Arg Thr Gly Gly Gly Thr Asp Ala Ala Tyr Ala Ala Leu 360 Ser Gly Lys Pro Val Ile Glu Ser Leu Gly Leu Pro Gly Phe Gly Tyr His Ser Asp Lys Ala Glu Tyr Val Asp Ile Ser Ala Ile Pro Arg Arg 390 395

Leu Tyr Met Ala Ala Arg Leu Ile Met Asp Leu Gly Ala Gly Lys 405 410 415